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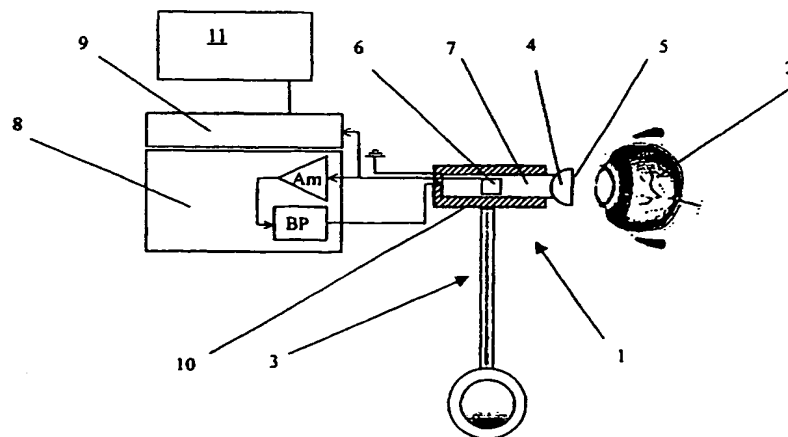
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holm (SE).For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.(54) Title: METHOD AND DEVICE FOR DETERMINING THE INTRAOCULAR PRESSURE, BY MEASURING THE  
CHANGING OF THE FREQUENCY CHARACTERISTICS

(57) Abstract: The present invention relates to a method and a device for measuring the pressure  $p$  in an eye, the so-called intraocular pressure. The method includes a contact body with a known geometry being pressed against the eye with a gradually increasing contact force  $F$  and that when the area of deformation of the eye  $A$  can be determined, the pressure can be obtained from the relation  $P=F/A$ , whereby the frequency characteristic of a contact body associated with a sensor system oscillating in resonance is read, the contact body is pressed against the eye to form a new system oscillating in resonance, the contact force and frequency characteristic for the new system is read, and the change in frequency characteristic is calculated. In this way, the pressure of the eye can be determined since the sought deformation area  $A$  is a function of the change  $A(f_{ich} ar?)$ . The device has a contact body (4) for pressing against the eye (1) and a means (3) of determining the force with which the contact body is pressed against the eye, whereby the contact body (4) is part of a system oscillating in resonance, and the resonance system is connected to a means (9) for reading the frequency characteristic of the system.